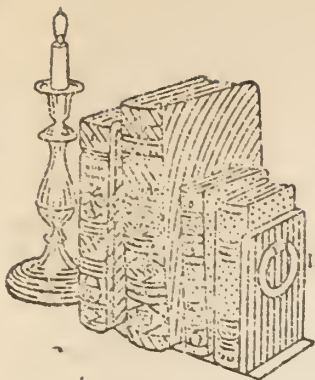


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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 7, Nos. 10-11.

April-May 1949.

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"The man who does not read good books has no advantage  
over the man who can't read them."

--Mark Twain.

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## NEW BOOKS IN THE LIBRARY

FIRE, by G.R. Stewart. Random House, 1948. 336p. 145.3 St4

"The hero of George R. Stewart's new novel is a spark that almost flickers out at birth, smoulders for a while, is on the verge of death, is revived and then grows with a violent life of its own into a conflagration raging over miles of timberland. Man pits his strength and cunning and character against the fiercest of elements--fire." A gift to the library.

FOREST PROTECTION, by R. C. Hawley and P. W. Stickel. Wiley, 1948. 2nd ed. 355p. 99.5 H31 Ed.2

This book "is a special study of such sources of forest injury as fire, on which the greatest emphasis is placed, insects and disease. It is the authors' purpose to give the student of forestry a well balanced knowledge of the entire problem of forest protection in relation to the development of forests. This volume is a revision and modernization of Professor Hawley's earlier book on the same subject. It contains a comprehensive review of principles. The text discussions and references at each chapter's end cover the fields of research and practice....Every possible source of injury to the forest is considered." From the book jacket.

MACHINES FOR THE FARM, RANCH, AND PLANTATION, by A. W. Turned and E. J. Johnson. McGraw-Hill, 1948. 793p. 58 T85

"This book illustrates and describes the new and special machines for producing, harvesting, and conditioning potatoes, sweetpotatoes, sugar beets, sugarcane, peanuts, green crops, hemp, flax, cotton, and tung nuts. It includes tractors, garden tractors, orchard cultivators, buck rakes, elevators, electrical motors, irrigation pumps, airplane dusters and sprayers, soil fumigation equipment, terracers, graders, posthole augers, grain driers, barn cleaners, and milk coolers, as well as general machines....Numerous illustrations show the machines in operation and details of the critical parts which need adjustment, servicing, and repair." From Extension Service Review, January 1949.

SELECTED BULLETINS

Agricultural Economics

- "Commercial Family-Operated Cattle Ranches, Intermountain Region, 1930-47, Organization, Costs, and Returns," by H.R. Hochmuth and W. D. Goodsell. U. S. Bureau of Agricultural Economics, Nov. 1948. 29p. 1.941 L6F22 71
- "Dairy Farming in the North Louisiana Upland Cotton Area, Organization, Costs, and Returns," by F. D. Barlow, Jr. and M. L. McGough. La. Agr. Expt. Sta. Bul. 435. Oct. 1948. 32p. 100 L93 435
- "Farm Costs and Returns, 1945-47, Commercial Family-Operated Farms in 6 Major Farming Regions," by W. D. Goodsell. U. S. Bureau of Agricultural Economics, Sept. 1948. 18p. 1.941 L6F22 70  
Includes Black Prairie Cotton and Southern Plains Wheat and Cotton.
- "Land Ownership and Use in Kentucky," by J. E. Mason and J.H. Bondurant. Ky. Agr. Expt. Sta. Bul. 519. June 1948. 32p. 100 K41B 519
- "Transferring the Farm to the Next Generation," by O. R. Johnson. Mo. Agr. Expt. Sta. Bul. 515. 1948. 26p. 100 M693

Films

- "Forest Service Films Available on Loan for Educational Purposes." U. S. Forest Service, 1949. 14p. 1.962 A2F76
- "Motion Pictures of the United States Department of Agriculture, 1949." USDA Misc. Pub. 673. 1949. 53p. 1 Ag84M 673

Forestry

- "Carcers in Forestry." U.S. Forest Service. USDA Misc. Pub. 249. 1945.  
1 Ag34M 249
- "Cedar and Pine As Farm Trees for Oklahoma," by M. Afanasiev. Okla. Agr. Expt. Sta. Bul. E-331. 1949. 18p. 100 O24B 331
- "The Farm Woodland: Subject Material for In-Service Training," by J. F. Preston. U. S. Soil Conservation Service, 1947. 36p. 1.96 Op2Far
- "The Forest Range in Southern Agriculture," Association of Southern Agricultural Workers, Forestry Section Symposium, R. S. Campbell, Presiding. February 1949.
- "Lumber Values For East Texas Pine Logs," by G. R. Gregory and E. L. Person. Southern Forest Experiment Station Occasional Paper 113. March 1949.  
31p. 1.9 F76240
- "Managing Small Woodlands: A Guide to Good and Profitable Use of Forest Land," by A. Koroleff. American Forestry Association, 1947. 72p. 99.55 K342
- "Prevention of Deterioration in Stored Southern Hardwood Logs." Southern Forest Experiment Station, May 1949. 6p.
- "Publications, Articles, Mimeographed and Other Releases by Range Research Personnel Issued in 1948." U. S. Forest Service, March 11, 1949. 7p.
- "Selected Bibliography on Forest Surveys With Aerial Photos." Compiled by Pacific Northwest Forest and Range Experiment Station. Revised March 1949. 4p.



"A Study of Red Cedar Plantations in North Central Oklahoma," by M. Afanasiev.  
Okla. Agr. Expt. Sta. Tech. Bul. T-34. 1949. 16p. 100 Ok4T

#### Hoover Reports

"Federal Business Enterprises." March 1949.

"Lending Agencies." Task Force Report. January 1949.

"Overseas Administration." March 1949.

"Revolving Funds and Business Enterprises of the Government." Task Force Report. January 1949.

"Water Resources Projects." Task Force Report. January 1949.

#### Horticulture

"Pecan Culture and Grove Management," by O. Woodard. Ga. Coastal Plain Expt. Sta. Cir. 15. Jan. 1949. 100 G292C 15

"Small Fruit Culture for Home Gardeners," by H. R. Niswonger. N. C. Agr. Col. Ext. Service Ext. Cir. 333. Jan. 1949. 275.29 N811C 333

#### Irrigation

"Measurement of Irrigation Water: A Handbook of Discharge Tables for Ditch Riders and Irrigators," by J. R. Barker. Utah Agr. Col. Ext. Service. Ext. Bul. 166. 28p. 275.29 Ut1 166

"Supplemental Irrigation for Missouri and Regions of Similar Rainfall," by H. Rubey. Mo. Eng. Expt. Sta. Bul. 33. 1945. 75p.

"When to Use Sprinkler Irrigation in Colorado," by W. E. Code and A. J. Hamman. Colo. Agr. Col. Ext. Service Bul. 405-A. 1949. 19p. 275.29 C71B

#### Landscaping

"Landscape Steep Slopes," by D. J. Bushey. Cornell Ext. Bul. 749. August 1948. 275.29 M48E 749

"What Makes Your Yard Beautiful?" N. C. Agr. Col. Ext. Cir. 335. 1949. 275.29 N811C 335

#### Pastures

"Carpet Grass and Legume Pastures in Florida: Their Growth, Composition and Contribution to Beef Production," by R. E. Blaser and others. Florida Agr. Expt. Sta. Bul. 453. 1948. 36p. 100 F66S 453

"Outline of Tame Pasture Management," by P. T. Gillett. Soil Conservation Service, Fort Worth, Texas, Agronomy Memo. 81. 1949. 1.9604

"Palatability Trials of Winter Pasture Crops, and Effect of Phosphate Fertilizers on Palatability," by H.W. Staten. Oklahoma Agr. Expt. Sta. Tech. Bul. T-35. Mar. 1949. 10p. 100 Ok4T 35

"Protein Through Forage." National Fertilizer Association.

#### Plant Diseases and Pests

"Control of Insects and Diseases of Peanuts," by C. Wilson and F. S. Arant. Ala. Agr. Expt. Sta. Leaflet 27. 1949. 100 AL1L 27

"Control Tomato Late Blight," by D. E. Ellis and H. R. Garriss. N. C. Agr. Col. Ext. Cir. 331. Jan. 1949. 8p. 275.29 N811C 331

"European Corn Borer Location on the Corn Plant as Related to Insecticidal Control," by C. H. Batchelder. USDA Tech. Bul. 976. Mar. 1949. 20p.  
1 Ag84Te 976

Picture Sheets of Bureau of Entomology and Plant Quarantine. 1 En86P

One side has pictures of various stages in the lives of the insects, the other side gives life history and control measures.

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|---------------------------------|----------------------------------|
| No. 4. Japanese Beetle.         | No. 15. Boll Weevil.             |
| No. 5. Harlequin Bug.           | No. 16. Bollworm.                |
| No. 6. Gladiolus Thrips.        | No. 17. Cotton Aphid.            |
| No. 7. Striped Cucumber Beetle. | No. 18. Cotton Flea Hopper.      |
| No. 8. Potato Leafhopper.       | No. 19. Cotton Leafworm.         |
| No. 9. Imported Cabbage Worm.   | No. 20. Red Spider.              |
| No. 10. Squash Borer.           | No. 21. Pink Bollworm.           |
| No. 12. Fall Armyworm.          | No. 22. White Pine Blister Rust. |
| No. 14. European Corn Borer.    |                                  |

#### Soil Conservation

"Conservation Practices for the Wheat Lands of New Mexico." N. M. Agr. Col. Ext. Cir. 221. Mar. 1949. 23p. 275.29 W463E

"Investigations in Erosion Control and the Reclamation of Eroded Land at the Upper Mississippi Valley Conservation Experiment Station Near La Crosse, Wis. 1933-43," by O. E. Hays, A. G. McCall, and F. G. Bell. USDA Tech. Bul. 973. April 1949. 87p. 1 Ag84Te 973

#### Wood and Brush Control

"Chemical Wood-Control Equipment," by H. B. Akesson and W. A. Harvey. Calif. Agr. Expt. Sta. Cir. 389. Dec. 1948. 43p. 100 C12S 389

"Control of Range Brush and Weeds," a progress report by E. H. McIlvain and D. A. Savage. U. S. Southern Great Plains Field Station. March 1949. 9p.

"An Evaluation of Some Woody Texas Junipers With Special Reference to Distribution, Spread, Growth Conditions, Control and Substitute Vegetation," by S. E. Wolff. Soil Conservation Service, Fort Worth, Texas. 1948. 89p. 1.9604

"How To Control Southern Upland Hardwoods With Armato," by F. A. Peovy. Southern Forest Experiment Station. April 1949. 5p.

"North Central States Weed Control Conference, Project VI, Report of the Subcommittee on Research Concerning the Eradication of Woody Plants, 1948."

#### Miscellaneous

"Bee Lines." N. C. Agr. Col. Ext. Cir. 334. Mar. 1949. 30p. 275.29 N811C  
The information you need if you plan to start a few hives of bees.

"Chick Raising and Range Management," by C. F. Parrish. N. C. Agr. Col. Ext. Cir. 251. Revised Nov. 1948. 14p. 275.29 N811C

"Drying Combined Rice," by H. A. Kramer. U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering, Information Series No. 93. July 1948. 17p. 1.965 F6D84

"Educational Exhibits, A List of References," compiled by C. L. Feldkamp. USDA Library List No. 45. 4p. Mar. 1949. 1.916 L612



- "Environmental Physiology With Special Reference to Domestic Animals. I. Physiological Backgrounds," by S. Brody. Mo. Agr. Expt. Sta. Res. Bul. 423. Sept. 1948. 43p. 100 M693R 423
- "Environmental Physiology With Special Reference to Domestic Animals. II. Influence of Temperature 50 (degrees) to 105 (degrees) F., on Milk Production and Feed Consumption in Dairy Cattle," by A. C. Ragsdale and others. Mo. Agr. Expt. Sta. Res. Bul. 425. Nov. 1948. 27p. 100 M693R 425
- "Essentials of Rural Welfare: An Approach to the Improvement of Rural Well-Being." Food and Agriculture Organization, Mar. 1949. 43p. 389.9
- "External Parasites of Livestock and Methods of Control," by G. T. Mickle and A. A. Goodman. Colo. Agr. Col. Ext. Service Bul. 406-A. Jan. 1949. 19p. 275.29 C71B
- "Guiding Family Spending." USDA Misc. Pub. 661. 26p. 1 Ag84M 661
- "The Influence of Climate on Animal Production and Its Effects on Human Nutrition," by J. C. Bonsma. Reprinted from "The Leech" of April 1947. Union of South Africa.
- "Introducing Pandora Cotton for the Georgia Coastal Plain," by J. H. Turner. Ga. Coastal Plain Expt. Sta. Cir. 12. Dec. 1948. 8p. 100 G292C
- "New Grasses from Honduras, Colombia, Venezuela, Ecuador, Bolivia, and Brazil," by J. R. Swallen. Contributions from the U. S. National Herbarium, Vol. 29, Pt. 6. 1948. 450 C76
- "Opportunities for Career Service in the U. S. Department of Agriculture." USDA Misc. Pub. 675. Nov. 1948. 52p. 1 Ag84M 675
- "Our Teeth and Our Soils," by W. A. Albrecht. Mo. Agr. Expt. Sta. Cir. 333. Dec. 1948. 15p. 100 M693C 333
- "Propagation of Ornamental Plants," by J. V. Watkins. Fla. Agr. Col. Ext. Service Bul. 137. Aug. 1948. 44p. 275.29 F66 137
- "Report of the United States-Lebanon Agricultural Mission." U. S. Office of Foreign Agricultural Relations. I.A.C. Series, No. 7. Sept. 1948. 76p. 1.943 R293
- "Seed Treatment for Field Legumes," by A. J. Vlitos and D. A. Preston. Okla. Agr. Expt. Sta. Bul. B-332. Mar. 1949. 11p. 100 Ok4B 332
- "Selecting a Building Site for Farm, Village, or City Homes," by D. J. Bushoy. Cornell Ext. Bul. 748. 14p. 275.29 M48E 748
- "Sorghum Gluten Meal and Feed in Rations for Fattening Lambs," by J. H. Jones and others. Tex. Agr. Expt. Sta. Progress Report 1153. Mar. 1949. 3p. 100 T31P 1153
- "Statutes Affecting Personnel Administration in the United States Department of Agriculture." USDA, Office of Personnel, Aug. 1948. 28p. 1.917 A2St23
- "Watershed Management and Sediment Control," by D. W. Craddock. Intermountain Forest and Range Expt. Sta. 1947. 1.9622 I2C84
- "Yield and Composition of Cottonseed as Influenced by Fertilization and Other Environmental Factors," by W. H. Tharp and others. USDA Tech. Pub. 974. Feb. 1949. 153p. 1 Ag84Tc 974

RESEARCH ACHIEVEMENT SHEETS of USDA Agricultural Research Administration.

- No. 97. New Quick Method Gives Accurate Estimate of the Insecticidal Value of Derris Root. July 1948. 1.98 R31 (for all of them)
- No. 100. Improved Vetch Varieties Established Commercially. Oct. 1948.
- No. 101. Big-Trefoil Proved Valuable As Forage Crop for the West and South. Oct. 1948.
- No. 103. Alyceclover and Hairy Indigo Boost Southern Livestock Farming. Oct. 1948.
- No. 104. Sweet Lupines Offer An Additional Livestock Feed Crop to Southern Farmers. Oct. 1948.
- No. 105. New Method Detects Specific Elements Deficient in Soils. Oct. 1948.
- No. 109. Soil Classification Helps Fit Crops and Farming Methods to Individual Farms. Oct. 1948.
- No. 112. Control of Alligatorweed by 2,4-D Aids Sugarcane Production. Nov. 1948.

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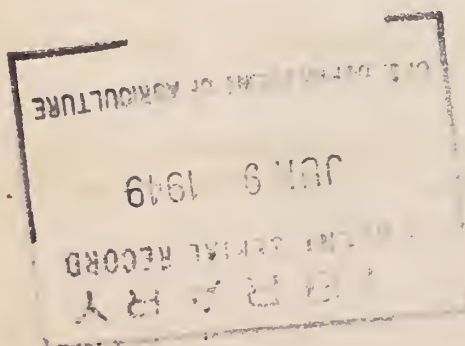
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